

COURSE DISCUSSION TOPICS

- BOD Basics-the BOD Pyramid
- DO probe technologies
- DO Probe calibration
 - Dealing with pressure
 - Water saturated air
 - Air saturate water
- Hands-on calibration demonstrations- attendees get “down and dirty” with calibration.
- Method details-often overlooked practices and techniques
- Tips for successful analysis of GGA
- Common and not so common testing problems
- Troubleshooting:
 - Excessive depletion in blanks
 - Dealing with GGA problems
 - “Seeding for success”
 - Sample toxicity
 - Identifying nitrification problems
- The new DNR “Checklists” – what the auditors really want to see
- BOD data evaluation: “You be the auditor”

Tentative Agenda:

7:30 a.m.	Registration
8:00 a.m.	Workshop begins
12:00-1:00 p.m.	Lunch (included)
3:00 p.m.	Workshop ends

COURSE OBJECTIVES

To enhance your general knowledge of the BOD test, to improve your troubleshooting skills, to develop a better understanding of DO probe calibration techniques and improve the overall consistency and quality of your BOD results.

COURSE INSTRUCTORS

WI DNR, Lab Certification Program

Rick Mealy

State Lab of Hygiene

George Bowman
Graham Anderson
Mike Manix

EDUCATIONAL CREDITS

6 CEC's Issued for Full Attendance

FEE

MEMBERS –\$20.00

NON-MEMBERS –\$30.00

(There will be on-site registration)

Each class will be limited to the first fifty (50) paid registrants. First come first serve! Please complete the registration form and return it with your fee as soon as possible to:

Richard Mc Kee, WWOA, 416 Herman St., Arena, WI. 53503.

REGISTRATION

Name: _____

Class Location: _____
(Select City from List)

System/Firm: _____

Address: _____

City: _____

State: _____ Zip: _____

Phone: _____

Email: _____

WWOA Member Yes ____ No ____

WHO SHOULD ATTEND

- ✓ Wastewater Operators
- ✓ Laboratory Technicians
- ✓ Commercial Laboratory Analysts
- ✓ Students/New Operators

FURTHER INFORMATION:

Regarding Workshop Content

George Bowman or Graham Anderson,
(608)224-6277

Regarding Registration

Richard McKee (608)753-9362 (H)
608-795-0024 (W)

LOCATIONS:

April 26, 2006-Green Bay Sewerage District,
2231 N. Quincy St., Green Bay, WI

May 4, 2006-Southwest Tech, 1800 Bronson
Blvd., Fennimore, WI

May 9, 2006-Turner Hall, 301 S. 4th Street,
Watertown, WI

May 16, 2006-Northcentral Technical
College, 1000 W. Campus Drive, Wausau, WI

May 23, 2006-Chippewa Valley Technical
College, Business Education Center, 620 W.
Clairemont Ave., Eau Claire, WI

May 24, 2006-Wisconsin Indianhead
Technical College, 1900 College Dr., Rice
Lake, WI

DIRECTIONS TO EACH OF THE SESSIONS
MAY BE FOUND AT THE FOLLOWING:

<http://www.wwoa.org>
<http://www.slh.wisc.edu/outreach>
<http://dnr.wi.gov/org/es/science/opcert>

PARKING IS AVAILABLE ON-SITE AT ALL
LOCATIONS.

Richard McKee, WWOA
416 Herman St.
Arena, WI 53503

BOD 201:



ADVANCED TECHNIQUES AND TROUBLESHOOTING

APRIL 26, 2006-GREEN BAY
MAY 4, 2006-FENNIMORE
MAY 9, 2006-WATERTOWN
MAY 16, 2006-WAUSAU
MAY 23, 2006-EAU CLAIRE
MAY 24, 2006-RICE LAKE

Sponsored by:
The Wisconsin Wastewater Operators'
Association, Inc.,



In Cooperation with the
Department of Natural Resource Lab
Certification Program and
State Laboratory of Hygiene



For more information and directions visit the
following websites:

<http://www.wwoa.org>
<http://www.slh.wisc.edu/outreach>
<http://dnr.wi.gov/org/es/science/opcert>